

# **ADDAPRINT**

## **DESCRIPTION:**

ADDAPRINT is a cold applied, two-part polymer modified resin bound aggregate surfacing system, specifically designed to be imprinted with a wide range of patterns. ADDAPRINT is laid at an average thickness of 3/4".

## **SURFACE PREPERATION:**

ADDAPRINT can be applied to asphalt and concrete surfaces. The existing surface must be free of all foreign materials, void of any chemical or petroleum contamination and dry. The surface must be cleaned by the installer using a hot compressed air system which will provide a clean, dry and warm surface.

### Flush Installation:

Addaprint requires grinding to a 3/4" depth across the area to receive the material. This will ensure a smooth transition with the surrounding pavement.

### Rounded Installation:

Requires grinding to a 3/4" to 0" depth notch by a 2 – 3' width on both sides of the crosswalk. This will ensure a smooth transition with the surrounding pavement but will provide a slightly rounded effect.

Newly installed bituminous surfaces should be installed and compacted to current DOT specifications. It is recommended that new asphalt surfaces be completed approximately 30 days prior to the installation of the Addaprint. Examples of various suggested build ups are available on request.

Existing bituminous surfaces must be of sound construction; any weakness could result in a bond failure or sub-base failure which would decrease the expected life of the Addaprint.

Concrete surfaces must be allowed to fully cure for a minimum of 30 days and must be sealed with ADDASEAL prior to receiving the ADDAPRINT material.

## **APPLICATION TEMPERATURE:**

Recommended temperature of application should be between 40°F and 85°F

## **ADDAPRINT MIXING AND APPLICATION:**

ADDAPRINT mixtures consist of differing combinations of course and fine aggregates, which meet a specific mix design, dependant on the application. Mix designs take into account the final color desired and anticipated traffic / pedestrian usage. Aggregates are double washed, dried, and bagged by weight to the specific weight required to meet the mix design for the specific project. Instructions will accompany each material shipment with specific mixing and laying instructions and the number of bags of each aggregate and quantity of resin to place into mechanical mixer.

Pre-weighed ADDAPRINT resin should be thoroughly mixed with a slow speed paddle type mixer for a minimum of 45 seconds. The pre weighed bags of aggregate should be placed in the suitable mechanical mixer and dry mixed for 5 seconds prior to the addition of the ADDAPRINT resin. The mixed ADDAPRINT resin should then be immediately added to the pre-mixed aggregate in a suitable mechanical mixer. Mix for 1 minute then discharge into a suitable wheelbarrow and move immediately to the point of application.

Mixing equipment shall be a mortar mixer of ample size to place pre-measured aggregates and resin. Mixer shall have ample power to thoroughly blend aggregates and resin into homogenous mixture within 1 minute.

The mixture should be spread evenly across the prepared surface at the required depth using a lute. The surface should then be hand toweled using sufficient downward pressure to compact and provide for a smooth finish.

Imprint the material with the selected design

### **APPLICATION:**

Addaprint must only be installed by Chameleon Ways, Inc. trained and certified applicators for the manufactures guarantee period to be valid. Contact Chameleon Ways, Inc at 877-426-5687.

### **COLOR:**

Addaprint is available in a wide range of colors. Colors which meet current Federal Standards for crosswalks are either Maroon or Silver Grey. White is available for use for the Addamark (Long Life Pavement Marking System).

Addaprint has integral color throughout the mixture and also utilizes naturally colored aggregates. This ensures color is maintained for the life of the product.

### **REQUIRED DEPTH:**

Flush Installation - Addaprint 3mm mixture at 3/4" depth

Rounded Installation - Addaprint 3mm mixture at 5/8" depth

### **SET TIME:**

50°F (10°C)---1.5 – 2.5 Hours

70°F (20°C)---1 – 1.5 Hours

85°F (30°C)---1 Hour

### **HEALTH & SAFETY PRECAUTIONS**

Before using this product please ensure you have been supplied and have read carefully the following:

1. The hazard label applied to the container.
2. Material Safety Data Sheet.

# HOW TO SPECIFY

## Chameleon Ways, Inc.

### ADDAPRINT

In order to ensure that you get exactly what material you want for each project, the following may be of assistance.

#### **To specify the process:**

ADDAPRINT resin bound surface course consisting of aggregate particles, fully coated with two-part chemically curing, UV stable, flexible resin, hand finished by trowel and imprinted as supplied by :

#### **To specify the color and texture:**

Identify and name ADDAPRINT, color and the print desired.

#### FOR EXAMPLE

Product:	<i>Addaprint</i>
Installation:	<i>3/4 inch Flush Installation</i>
Color:	<i>Maroon</i>
Pattern:	<i>Offset Brick</i>

#### **To avoid inferior alternatives (when an option is required):**

If you cannot specify ADDAPRINT alone, state “as supplied by Chameleon Ways and installed by an Authorized Chameleon Ways Applicator or equivalent product with minimum guarantee period for 3 years. Should a proposed equivalent product request consideration for approval, a sample and complete technical data of proposed equivalent must be submitted to the engineer no later than 1 week prior to bid date. Consideration for approval of a proposed equivalent will **NOT** be considered if it is not properly submitted 1 week prior to bid date.”